

**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a utility patent is sought on the invention entitled:

EFFICIENT TEST OF ASSOCIATION FOR QUANTITATIVE TRAITS AND AFFECTED-UNAFFECTED STUDIES USING POOLED DNA

the specification of which is attached hereto:

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application designating at least one country other than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International application having a filing date before that of the application on which priority is claimed.

FIRST-NAMED INVENTOR: **Joel S. Bader, et al.**
Request for New Nonprovisional Application (37 C.F.R. §1.53(b))

I hereby claim the benefit under Title 35, United States Code, § 119(e) or §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application No. (U.S.S.N.)	Filing Date (dd/mm/yy)	Status (Patented, Pending, Abandoned)
60/238,381	06/10/00	Pending

PCT International Applications designating the United States:

PCT International Application No.	PCT Filing Date	Status

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Attorney or Agent	Registration No.	Attorney or Agent	Registration No.
Kevin Ainsworth	39,586	David E. Johnson	41,874
Ingrid Beattie	42,306	Christina Karnakis	45,899
William Belanger	40,509	Kristin E. Konzak	44,848
Charles E. Bell	48,128	Cynthia Kozakiewicz	42,764
Naomi Biswas	38,384	Barry Marenberg	40,715
Bradford C. Blaise	47,429	A. Jason Mirabito	28,161
Sean M. Coughlin	48,593	Michel Morency	Limited Recognition
David F. Crosby	36,400	Carol H. Peters	45,010
Christopher J. Cuneo	42,450	David Poirier	43,007
Brian C. Dauphin	40,983	Michael Renaud	44,299
Brett N. Dorn	35,860	Brian Rosenbloom	41,276
Marianne Downing	42,870	Robert J. Sayre	42,124
Ivor R. Elrifi	39,529	C. Eric Schulman	43,350
Heidi A. Erlacher	45,409	Gregory J. Sieczkiewicz	48,223
James G. Gatto	32,694	Thomas M. Sullivan	39,392
Richard Gervase	46,725	Janine Susan	46,119
Matthew J. Golden	35,161	Nicholas P. Triano	36,397
John A. Harre	37,345	Howard Susser	33,556
Brian P. Hopkins	42,669	Raphael A. Valencia	43,216
Shane Hunter	41,858		

FIRST-NAMED INVENTOR: **Joel S. Bader, et al.**
Request for New Nonprovisional Application (37 C.F.R. §1.53(b))

all of MINTZ, LEVIN, COHN, FERRIS, GLOVSKY AND POPEO PC, One Financial Center, Boston, Massachusetts 02111, as Applicant's attorneys with full power of substitution and revocation to take any and all action necessary with regard to the above-identified patent.

Address all telephone calls to Ivor R. Elrifi at telephone number 617/348-1747.

Address all correspondence to:

Ivor R. Elrifi
Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C.
One Financial Center
Boston, Massachusetts 02111

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or patent issued thereon.

Signature of Joel S. Bader

Full Name of Inventor: Joel S. Bader
Citizenship: USA
Residence: 1127 High Ridge Road, #107
Stamford, CT 06905
Post Office: Same as above

Date

Signature of Aruna Bansal

Full Name of Inventor: Aruna Bansal
Citizenship:
Residence: c/o Gemini Genomics Ltd
162 Science Park
Milton Road
Cambridge CB4 0GH, UK
Post Office: Same as Above

Date

Signature of Pak Sham

Date

Full Name of Inventor: Pak Sham

Citizenship:

Residence: c/o CuraGen Corporation
322 East Main Street
Branford, CT 06405

Post Office: Same as above

ପ୍ରକାଶକାରୀ